

**SOFTWARE MONITORING SYSTEM FOR THE POLLING OF PROCESSES  
TO DETERMINE THE PRESENTLY EXECUTING FUNCTION**

**Abstract**

- The function polling system both uses the proprietary reporting Application Interface of the software application, as needed, while also bypassing the proprietary reporting Application Interface to directly poll the executing software application to perform a time-wise snapshot of the executing software application to thereby limit the amount of data generated, yet provide a more comprehensive view of the executing software application.
- 5 Application Interface of the software application, as needed, while also bypassing the proprietary reporting Application Interface to directly poll the executing software application to perform a time-wise snapshot of the executing software application to thereby limit the amount of data generated, yet provide a more comprehensive view of the executing software application.
- 10 The function polling system periodically checks the software application to determine which function is presently executing within the software application. The periodic polling of executing processes significantly reduces the amount of data collected, yet enables the application stakeholder to obtain a granularity of data relating to the executing software application not
- 15 available with existing software monitoring systems. The function polling system monitors all the functions embodied in the software application rather than selected functions to thereby avoid gaps in the coverage of the monitoring.